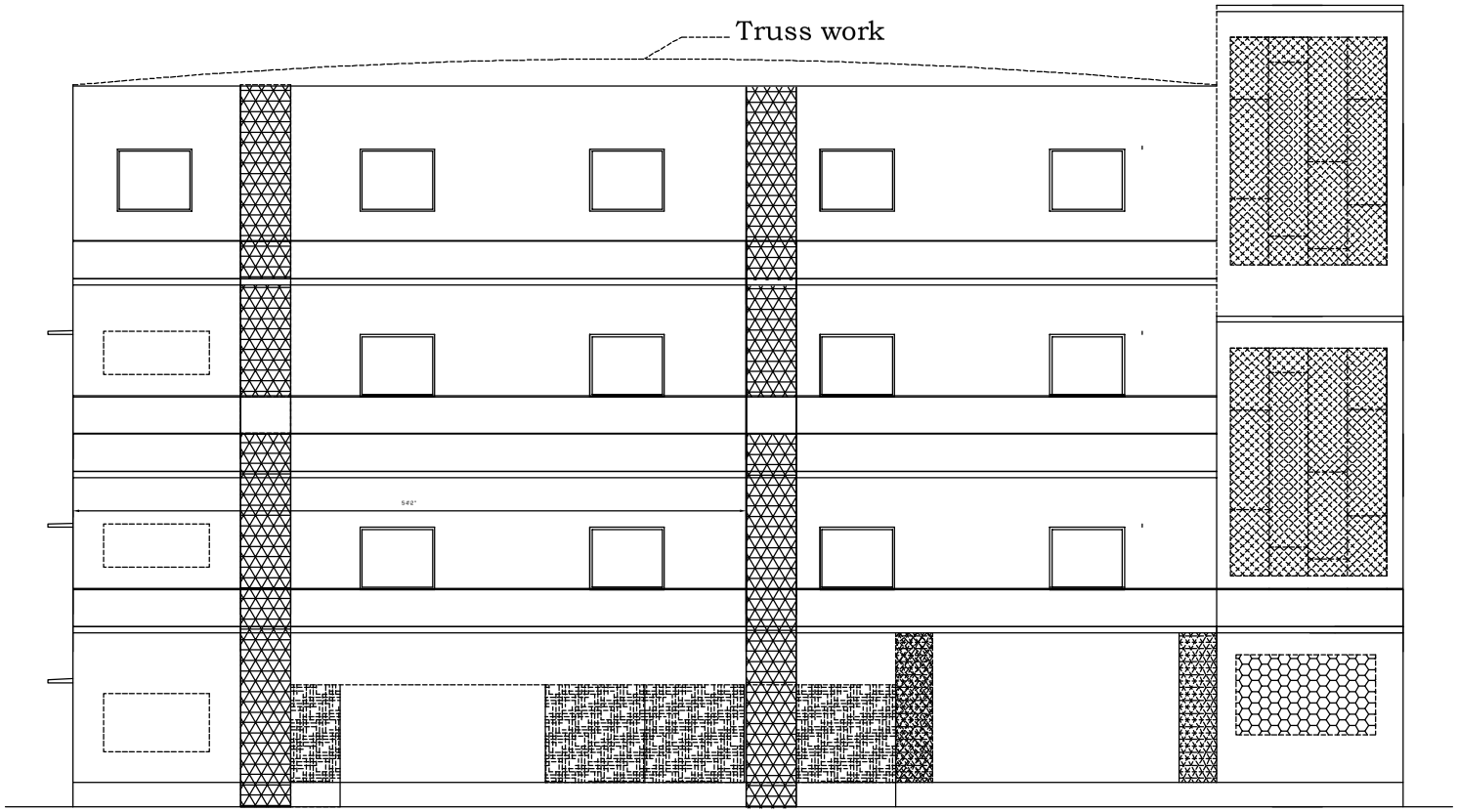
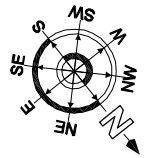
RECONSTRUCTION OF JJR NAGAR GOVT SCHOOL BUILDING , WARD NO:136 JJR NAGAR 2nd PHASE BANGALORE-560018



ELEVATION



NOTES

1.This drawing is the copyright of Nishanth Associates and must not be retained, copied or used without their authority.
2. Do not scale from this drawing.
3. All dimensions and levels in feet inches. all dimensions to be verified on site and approved by the engineer.
4. This drawing should be read in conjunction with other relevant architectural, structural, mechanical and electrical drawings and all relevant sections of the specifications.

REFERENCE DRAWINGS

Assistant Executive Engineer
JJR Nagar Sub-Division, BBMP

ExecutiveEngineer
Chamarajpet Division,
BBMP

Assistant Engineer
Ward No.137

REVISION	DATE	DESCRIPTION

PROJECT	RECONSTRUCTION OF JJR NAGAR GOVT. SCHOOL BUILDING IN WARD NO 136 JJR NAGAR (2nd PHASE) BANGALORE-560018
JOB. No. R/S-002	
DRG. No. R/S-002/2	TITLE BUILDING ELEVATION
DATE 30-04-2025	DEALT: HEMACHANDRA.V
SCALE N T S	CKD:

PRINCIPAL CONSULTANT

ARCHITECTS

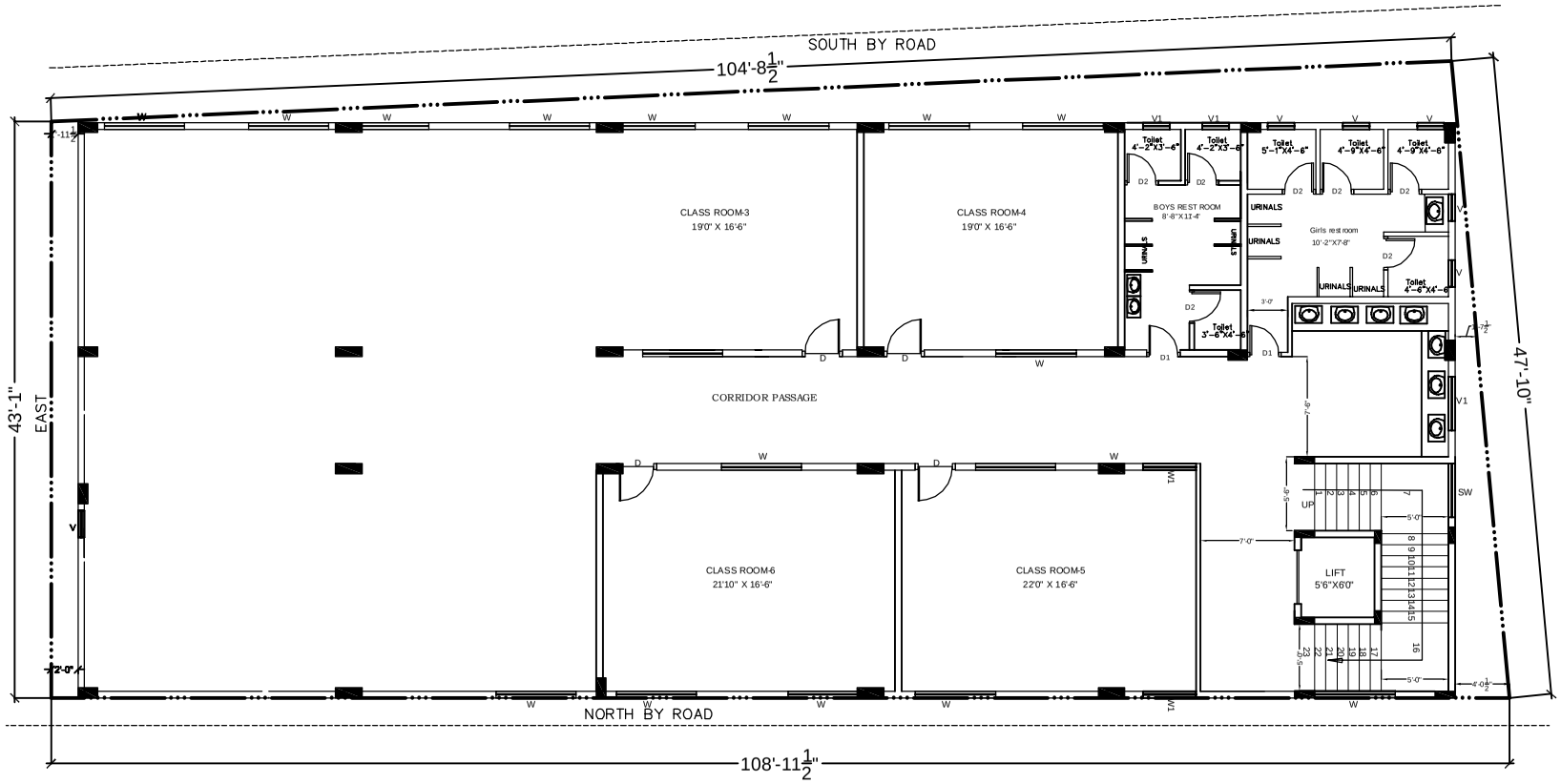
RACHANA Consultants
CONSULTING STRUCTURAL ENGINEERS
NO. 54 11TH MAIN,16TH CROSS, 2ND FLOOR,
MALLESHWARAM WEST BANGALORE- 560055

Assistant Engineer
Ward No.136

Assistant Executive Engineer
JJR Nagar Sub-Division, BBMP

ExecutiveEngineer
Chamarajpet Division,
BBMP

RECONSTRUCTION OF JJR NAGAR GOVT SCHOOL BUILDING , WARD NO:136 JJR NAGAR 2ND PHASE BANGALORE-560018



FIRST FLOOR PLAN

SCHEDULE OF OPENINGS			
D	4'-0"X8'-0"=6nos	W	6'-0"X4'-0"=12nos
D1	3'-0"X8'-0"=2nos	W1	4'-0"X4'-0"=2nos
D2	2'-6"X7'-0"=9nos	W2	3'-0"X4'-0"=1 nos
		V	2'-0"X2'-0"=8nos
		V1	4'-0"X2'-0"=3nos

NOTES

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3. All dimensions and levels in feet inches. all dimensions to be verified on site and approved by the engineer.
4. This drawing should be read in conjunction with other relevant architectural, structural, mechanical and electrical drawings and all relevant sections of the specifications.

REFERENCE DRAWINGS

REVISION	DATE	DESCRIPTION

PROJECT	RECONSTRUCTION OF JJR NAGAR GOVT. SCHOOL BUILDING IN WARD NO 136 JJR NAGAR (2ND PHASE) BANGALORE-560018
JOB. No. R/S-002	
DRG. No. R/S-002/2	TITLE: FIRST FLOOR PLAN
DATE: 26-05-2025	DEALT: HEMACHANDRA.V
SCALE: N T S	CKD:
ARCHITECTS	PRINCIPAL CONSULTANT

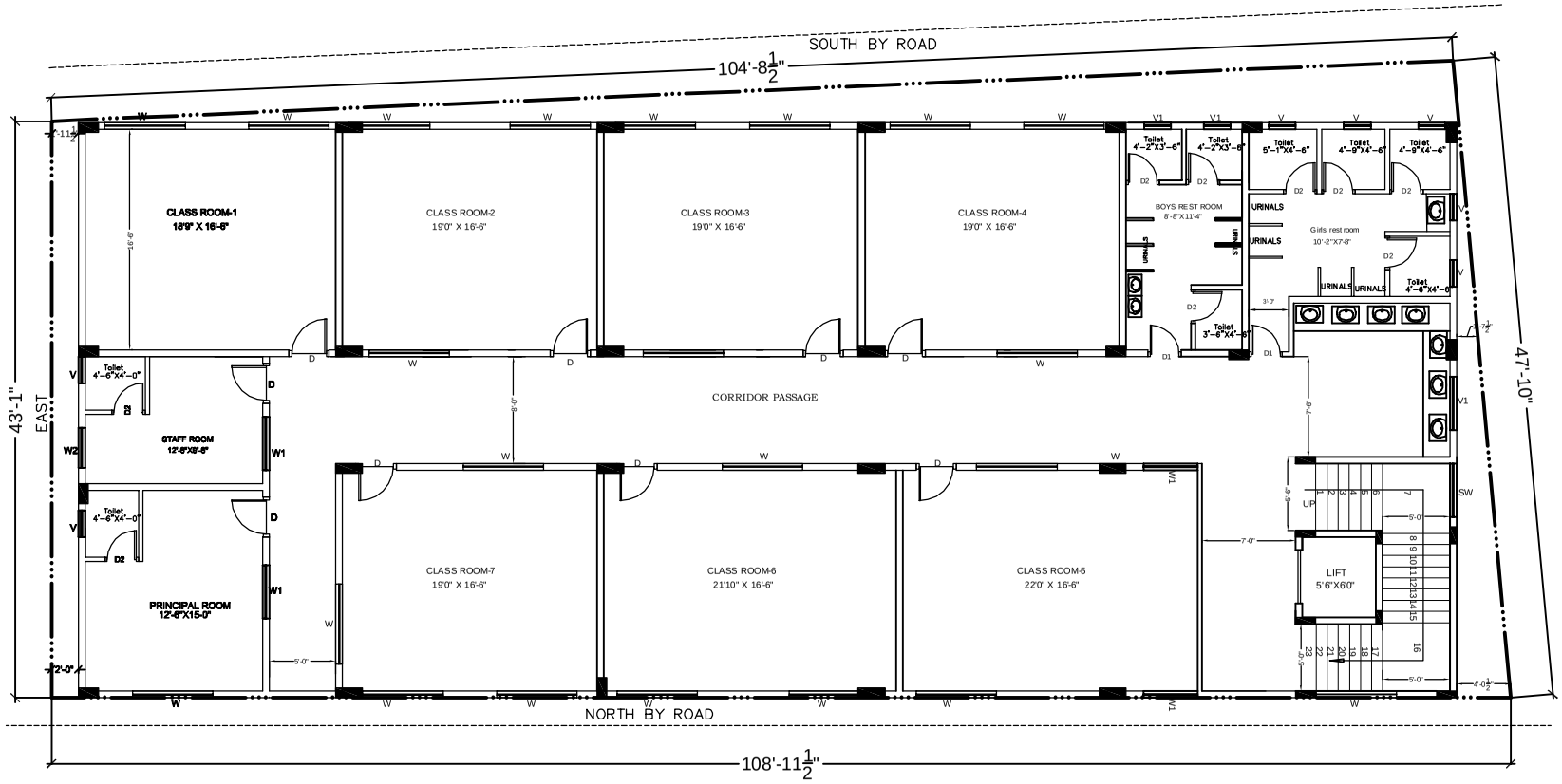
RACHANA Consultants
CONSULTING STRUCTURAL ENGINEERS
NO. 54 11TH MAIN,16TH CROSS, 2ND FLOOR, MALLESHWARAM WEST BANGALORE- 560055

Assistant Engineer
Ward No.136

Assistant Executive Engineer
JJR Nagar Sub-Division, BBMP

ExecutiveEngineer
Chamarajpet Division,
BBMP

RECONSTRUCTION OF JJR NAGAR GOVT SCHOOL BUILDING , WARD NO:136 JJR NAGAR 2nd PHASE BANGALORE-560018



SECOND FLOOR PLAN

SCHEDULE OF OPENINGS			
D	4'-0"X8'-0"=9nos	W	6'-0"X4'-0"=22nos
D1	3'-0"X8'-0"=2nos	W1	4'-0"X4'-0"=2nos
D2	2'-6"X7'-0"=9nos	W2	3'-0"X4'-0"=1 nos
		V	2'-0"X2'-0"=8nos
		V1	4'-0"X2'-0"=3nos

NOTES

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4. This drawing should be read in conjunction with other relevant architectural, structural, mechanical and electrical drawings and all relevant sections of the specifications.

REFERENCE DRAWINGS

REVISION	DATE	DESCRIPTION

PROJECT	RECONSTRUCTION OF JJR NAGAR GOVT. SCHOOL BUILDING IN WARD NO 136 JJR NAGAR (1ST PHASE) BANGALORE-560018
JOB. No. R/S-002	
DRG. No. R/S-002/2	TITLE: SECOND FLOOR PLAN
DATE 26-05-2025	DEALT: HEMACHANDRA.V
SCALE N T S	CKD:
PRINCIPAL CONSULTANT	

ARCHITECTS

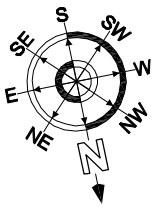
RACHANA Consultants
CONSULTING STRUCTURAL ENGINEERS
NO. 54 11TH MAIN,16TH CROSS, 2ND FLOOR, MALLESHWARAM WEST BANGALORE- 560055

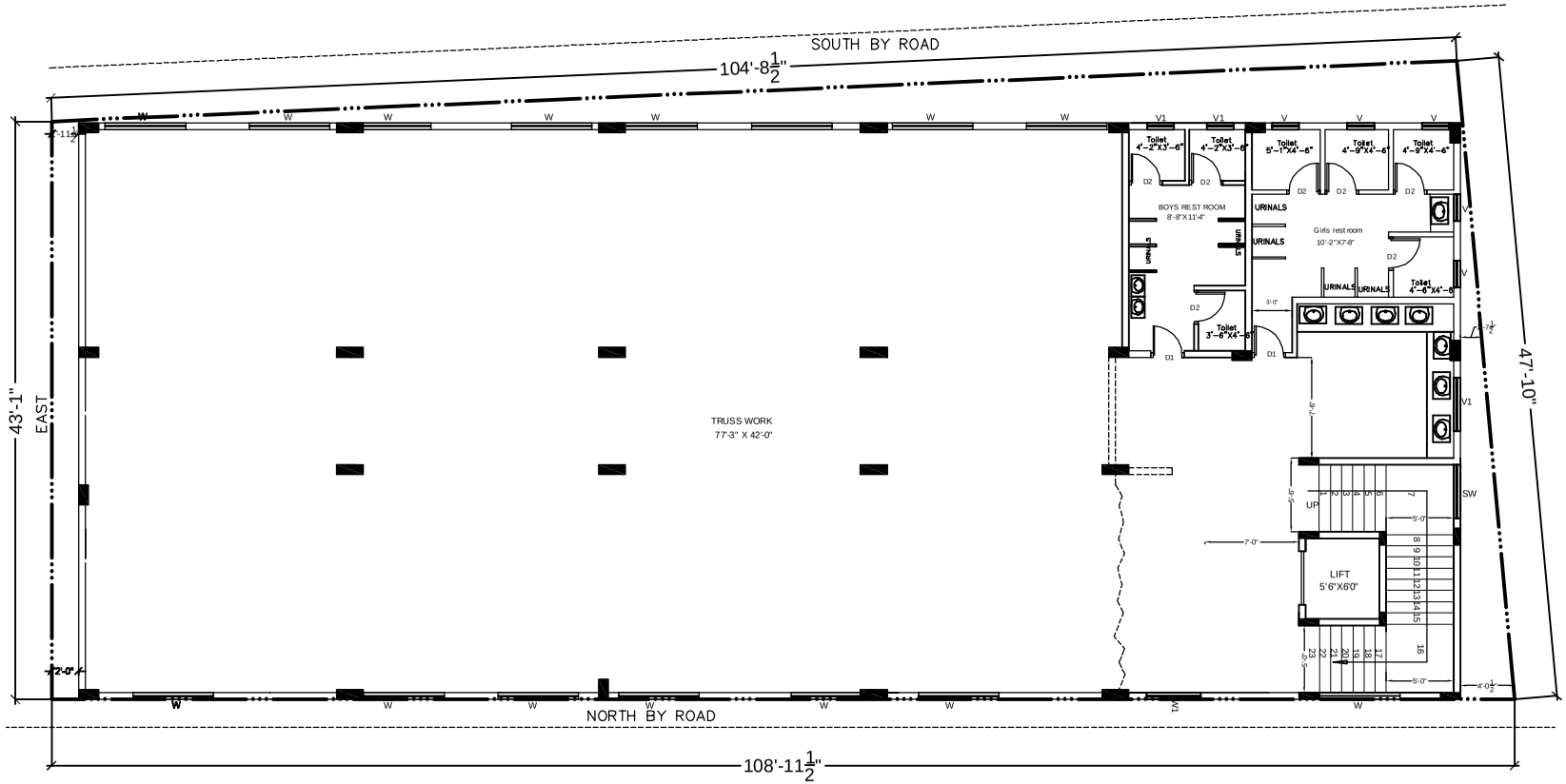
Assistant Engineer
Ward No.136

Assistant Executive Engineer
JJR Nagar Sub-Division, BBMP

ExecutiveEngineer
Chamarajpet Division,
BBMP

RECONSTRUCTION OF JJR NAGAR GOVT SCHOOL BUILDING , WARD NO:136 JJR NAGAR 2ND PHASE BANGALORE-560018





THIRD FLOOR PLAN

SCHEDULE OF OPENINGS			
D	4'-0"X8'-0"=6nos	W	6'-0"X4'-0"=12nos
D1	3'-0"X8'-0"=2nos	W1	4'-0"X4'-0"=2nos
D2	2'-6"X7'-0"=9nos	W2	3'-0"X4'-0"=1 nos
		V	2'-0"X2'-0"=8nos
		V1	4'-0"X2'-0"=3nos

NOTES

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2. Do not scale from this drawing.
3. All dimensions and levels in feet inches. all dimensions to be verified on site and approved by the engineer.
4. This drawing should be read in conjunction with other relevant architectural, structural, mechanical and electrical drawings and all relevant sections of the specifications.

REFERENCE DRAWINGS

REVISION	DATE	DESCRIPTION

PROJECT	RECONSTRUCTION OF JJR NAGAR GOVT. SCHOOL BUILDING IN WARD NO 136 JJR NAGAR (2ND PHASE) BANGALORE-560018
JOB. No. R/S-002	
DRG. No. R/S-002/2	TITLE: TERRACE FLOOR PLAN
DATE 26-05-2025	DEALT: HEMACHANDRA.V
SCALE N T S	CKD:
PRINCIPAL CONSULTANT	

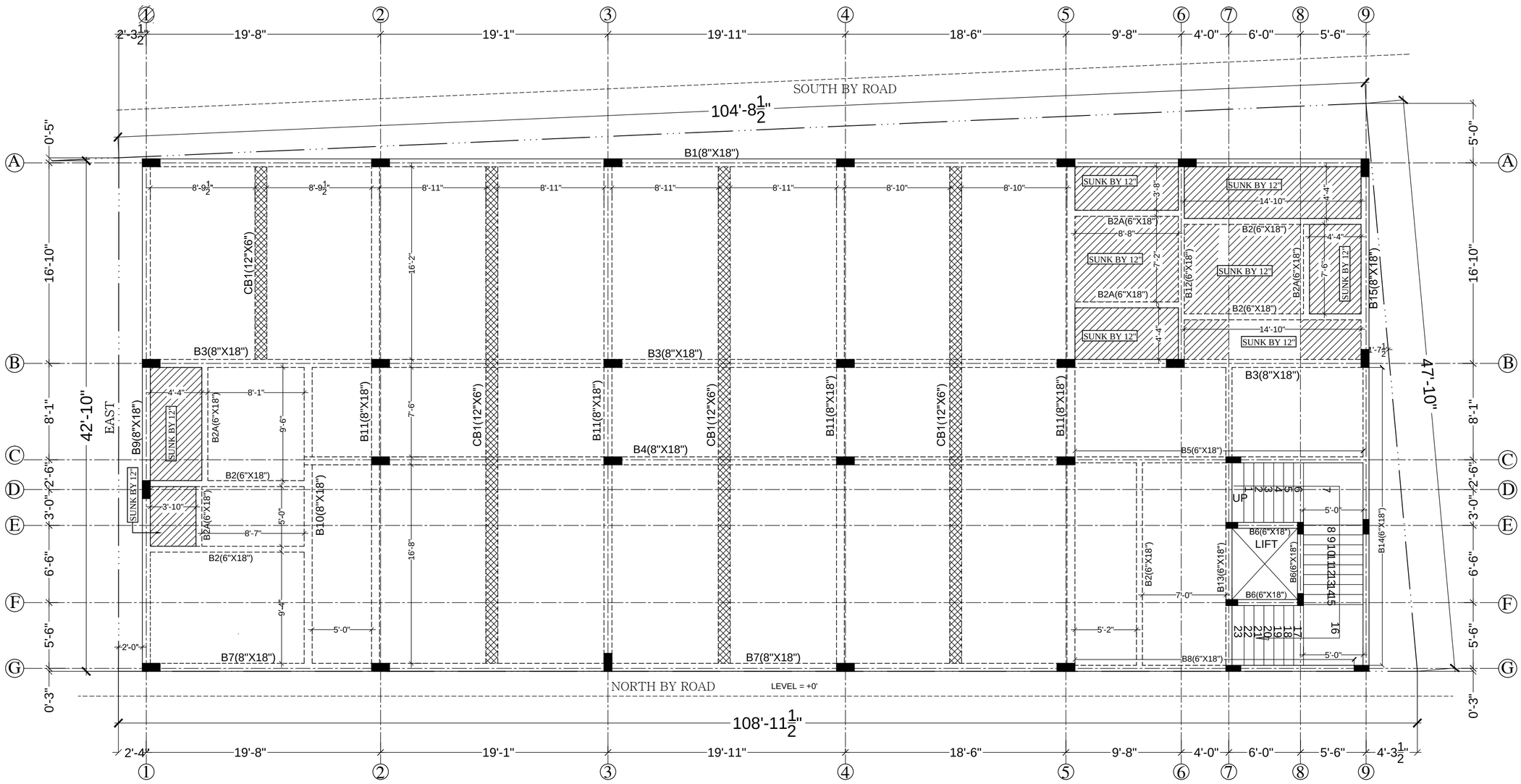
ARCHITECTS

RACHANA Consultants
CONSULTING STRUCTURAL ENGINEERS
NO. 54 11TH MAIN,16TH CROSS, 2ND FLOOR, MALLESHWARAM WEST BANGALORE- 560055

Assistant Engineer
Ward No.136

Assistant Executive Engineer
JJR Nagar Sub-Division, BBMP

ExecutiveEngineer
Chamarajpet Division,
BBMP



SECOND FLOOR ROOF SHUTTERING LAYOUT

SLAB 6"THICK UNLESS OTHERWISE SPECIFIED

ROOF HEIGTH -11'-6" TO THE TOP OF SLAB FROM PLINTH

GOOD FOR CONSTRUCTION

Client :

GOVT. SCHOOL BUILDING
IN WARD NO 136

Architects :

RACHANA CONSULTANTS
CONSULTING STRUCTURAL ENGINEERS
MALLESHWARAM WEST BANGALORE- 560055

Structural Consulting Engineers

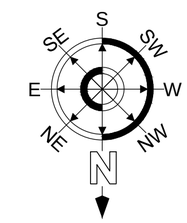
JHS DESIGN
CONSULTING STRUCTURAL ENGINEERS
RAJAJINAGAR, BANGALORE-560010.

NOTES:-

1. All dimensions are in Feets and Inches,unless specified otherwise.
2. Do not scale this drawing. Follow figured dimensions.
3. Use 1:1:2 (M25) Mix Concrete conforming to IS:456-2000.
4. Use HYSD bars of Fe-550 as per IS:1786-2008.
5. All dimensions shall be verified by the Engineer in charge before laying concrete with respect to Architectural Drawings.
6. The provisions made in IS:456-2000, SP:34 and other relevant codes should be strictly adhered during execution.
7. Min. lap lengths recommended for reinforcement.

BAR DIA	Development Length (Ld) (50 Ø)
8#	16"
10#	20"
12#	24"
16#	32"
20#	40"
25#	50"

8. Provide clear cover for Footings=2", Columns=1½", Plinth beam = 1", Beams= 1", slab= ¾"
9. The difference in levels of depth of adjacent footings shall not be greater than half the clear distance between them.
10. Not more than 50% of column reinforcement shall be lapped at a particular location.
11. Stirrups should have standard hook as per SP:34
12. Ductile detailing should follow as per 13920.



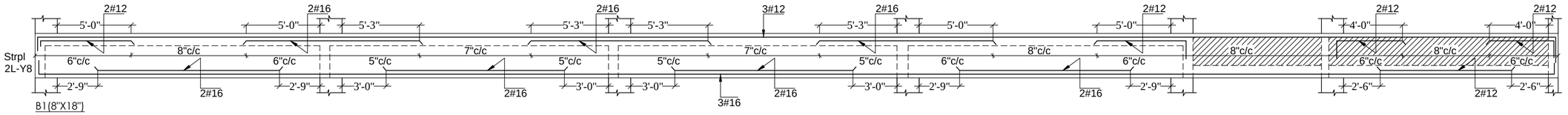
Project :

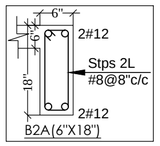
RECONSTRUCTION OF JJR NAGAR
GOVT. SCHOOL BUILDING IN
WARD NO 136 JJR NAGAR (1ST PHASE)
BANGALORE-560018

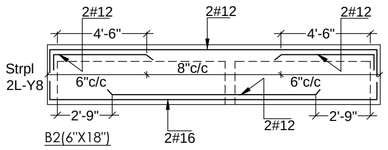
Title :

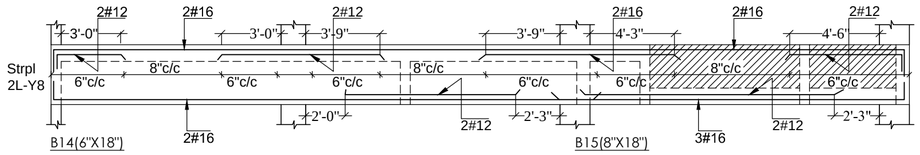
SECOND FLOOR ROOF
SHUTTERING LAYOUT

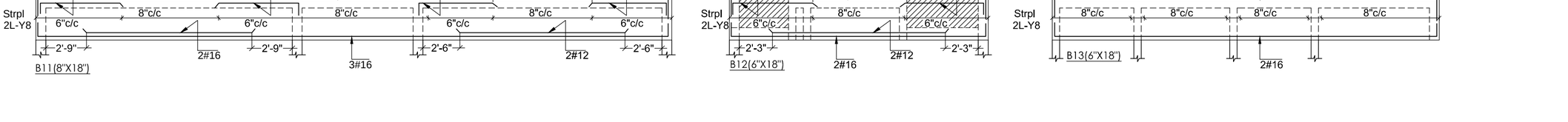
Scale	Drawn	Checked	Approved	Sheet
NTS	Hemachandra. V	Y. Manjunath	Y. Manjunath	A2
Date	Dwg No.-09			R0
09.12.2025				











GOOD FOR CONSTRUCTION

SECOND FLOOR ROOF BEAM REINFORCEMENT DETAIL

Client :

GOVT. SCHOOL BUILDING
IN WARD NO 136

Architects :

RACHANA CONSULTANTS
CONSULTING STRUCTURAL ENGINEERS
MALLESHWARAM WEST BANGALORE- 560055

Structural Consulting Engineers

JHS DESIGN
CONSULTING STRUCTURAL ENGINEERS
RAJAJINAGAR, BANGALORE-560010.

NOTES:-

1. All dimensions are in Feets and Inches,unless specified otherwise.
2. Do not scale this drawing. Follow figured dimensions.
3. Use 1:1:2 (M25) Mix Concrete conforming to IS:456-2000.
4. Use HYSD bars of Fe-550 as per IS:1786-2008.
5. All dimensions shall be verified by the Engineer in charge before laying concrete with respect to Architectural Drawings.
6. The provisions made in IS:456-2000, SP:34 and other relevant codes should be strictly adhered during execution.
7. Min. lap lengths recommended for reinforcement.

BAR DIA	Development Length (Ld) (50 Ø)
8#	16"
10#	20"
12#	24"
16#	32"
20#	40"
25#	50"

8. Provide clear cover for Footings=2", Columns=1½", Plinth beam = 1", Beams= 1", slab= ¾"
9. The difference in levels of depth of adjacent footings shall not be greater than half the clear distance between them.
10. Not more than 50% of column reinforcement shall be lapped at a particular location.
11. Stirrups should have standard hook as per SP:34
12. Ductile detailing should follow as per 13920.

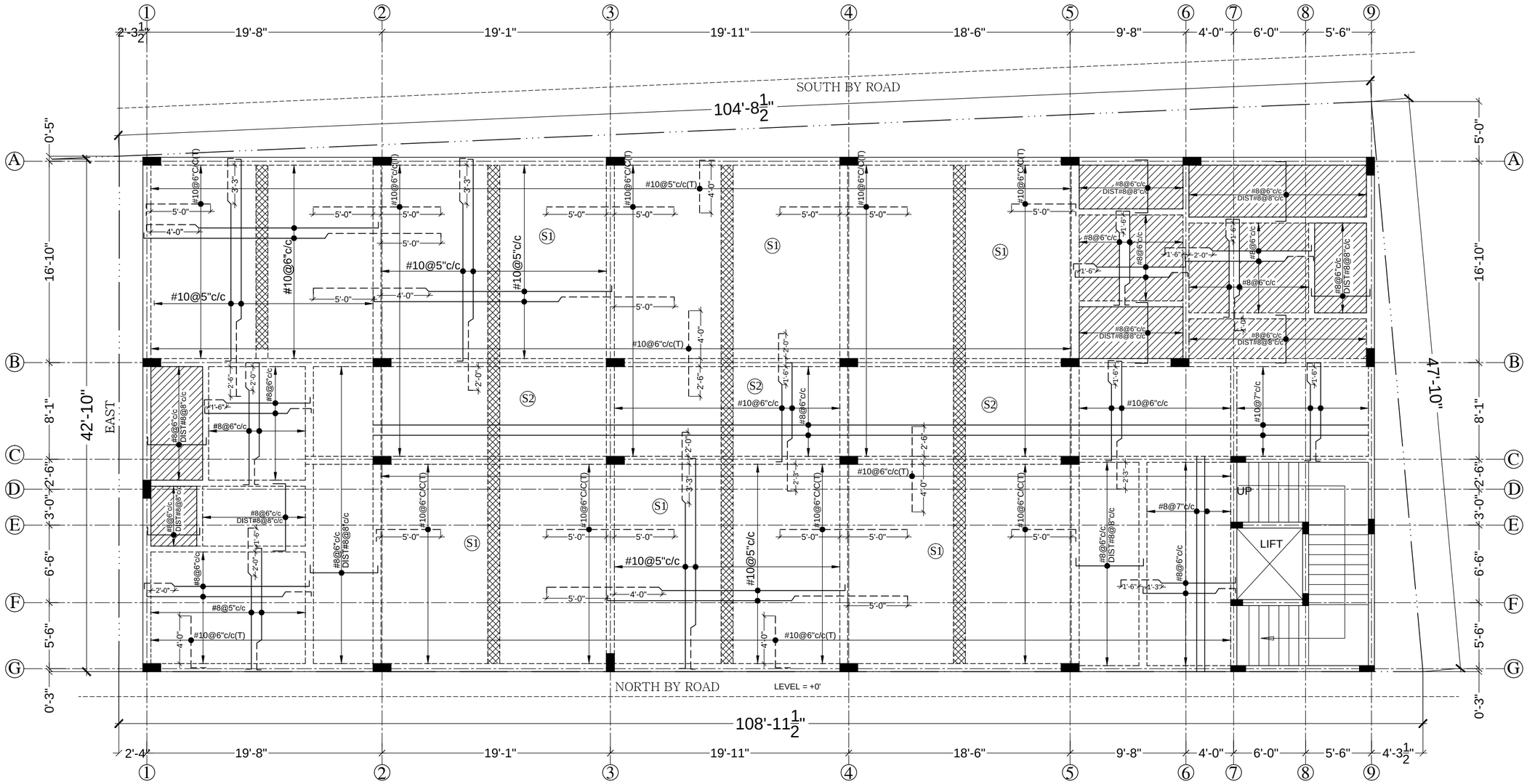
Project :

RECONSTRUCTION OF JJR NAGAR
GOVT. SCHOOL BUILDING IN
WARD NO 136 JJR NAGAR (1ST PHASE)
BANGALORE-560018

Title :

SECOND FLOOR ROOF BEAM
REINFORCEMENT DETAIL

Scale	Drawn	Checked	Approved	Sheet
NTS	Hemachandra. V	Y. Manjunath	Y. Manjunath	A2
Date	Dwg No.-10			R0
09.12.2025				



SECOND FLOOR ROOF SLAB REINFORCEMENT DETAIL

SLAB 6"THICK UNLESS OTHERWISE SPECIFIED

PROVIDE Y8@8"C/C AS DISTRIBUTION BAR FOR TOP REINFORCEMENT WHEREVER REQUIRED

GOOD FOR CONSTRUCTION

Client :

GOVT. SCHOOL BUILDING
IN WARD NO 136

Architects :

RACHANA CONSULTANTS
CONSULTING STRUCTURAL ENGINEERS
MALLESHWARAM WEST BANGALORE- 560055

Structural Consulting Engineers

JHS DESIGN
CONSULTING STRUCTURAL ENGINEERS
RAJAJINAGAR, BANGALORE-560010.

NOTES:-

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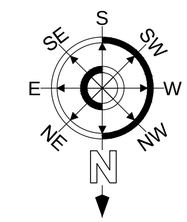
2. Do not scale this drawing. Follow figured dimensions.
3. Use 1:1:2 (M25) Mix Concrete conforming to IS:456-2000.
4. Use HYSD bars of Fe-550 as per IS:1786-2008.
5. All dimensions shall be verified by the Engineer in charge before laying concrete with respect to Architectural Drawings.
6. The provisions made in IS:456-2000, SP:34 and other relevant codes should be strictly adhered during execution.
7. Min. lap lengths recommended for reinforcement.

BAR DIA	Development Length (Ld) (50 Ø)
8#	16"
10#	20"
12#	24"
16#	32"
20#	40"
25#	50"

8. Provide clear cover for Footings=2", Columns=1½", Plinth beam = 1", Beams= 1", slab= ¾"
9. The difference in levels of depth of adjacent footings shall not be greater than half the clear distance between them.
10. Not more than 50% of column reinforcement shall be lapped at a particular location.
11. Stirrups should have standard hook as per SP:34
12. Ductile detailing should follow as per 13920.



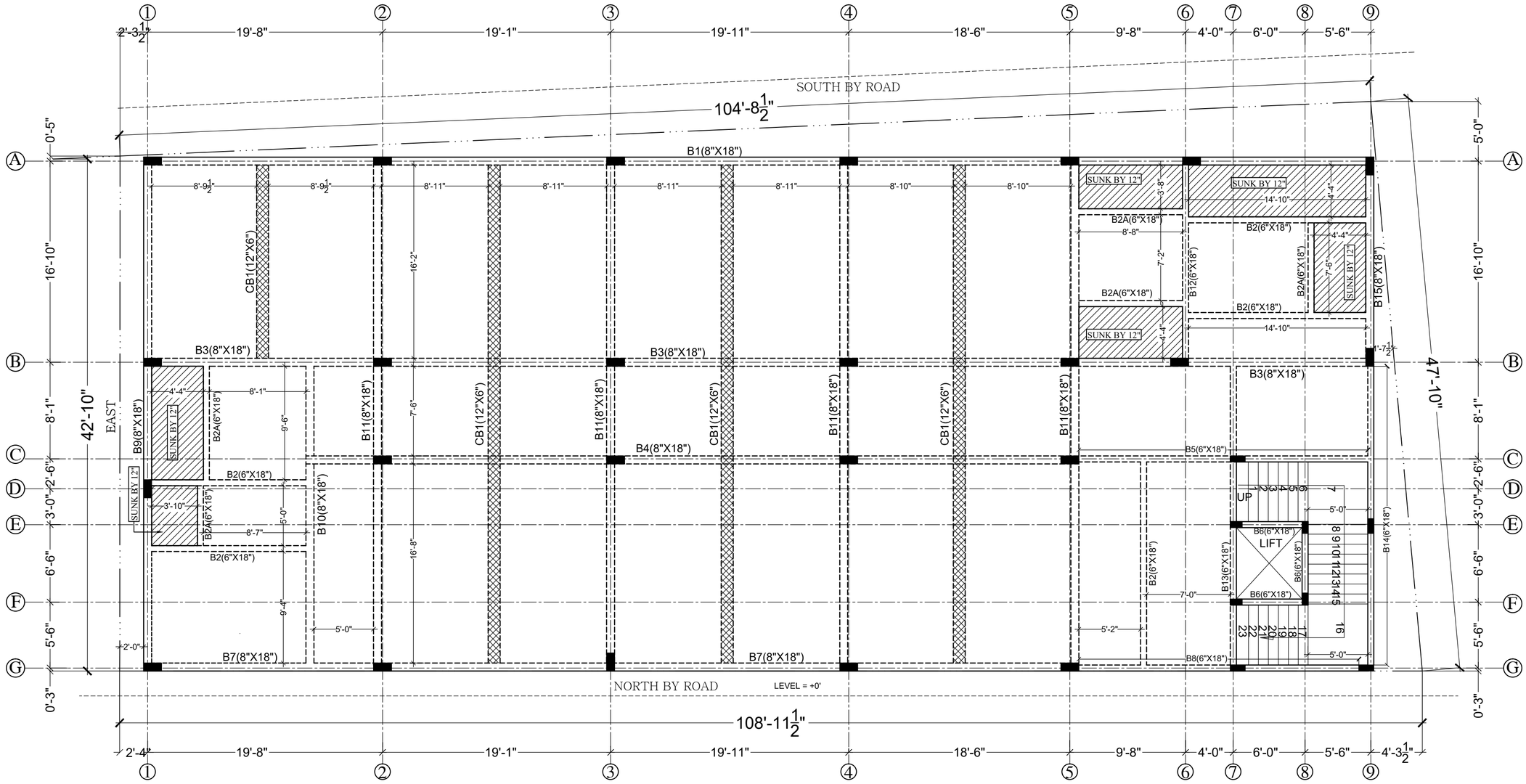
Project :

RECONSTRUCTION OF JJR NAGAR
GOVT. SCHOOL BUILDING IN
WARD NO 136 JJR NAGAR (1ST PHASE)
BANGALORE-560018

Title :

SECOND FLOOR ROOF SLAB
REINFORCEMENT DETAIL

Scale	Drawn	Checked	Approved	Sheet
NTS	Hemachandra. V	Y. Manjunath	Y. Manjunath	A2
Date	Dwg No.-11			R0
09.12.2025				



FIRST FLOOR ROOF SHUTTERING LAYOUT

SLAB 6"THICK UNLESS OTHERWISE SPECIFIED

ROOF HEIGTH -11'-6" TO THE TOP OF SLAB FROM PLINTH

FOR EXECUTION

Client :

GOVT. SCHOOL BUILDING
IN WARD NO 136

Architects :

RACHANA CONSULTANTS
CONSULTING STRUCTURAL ENGINEERS
MALLESHWARAM WEST BANGALORE- 560055

Structural Consulting Engineers

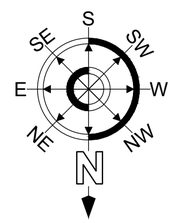
JHS DESIGN
CONSULTING STRUCTURAL ENGINEERS
RAJAJINAGAR, BANGALORE-560010.

NOTES:-

1. All dimensions are in Feets and Inches,unless specified otherwise.
2. Do not scale this drawing. Follow figured dimensions.
3. Use 1:1:2 (M25) Mix Concrete conforming to IS:456-2000.
4. Use HYSD bars of Fe-550 as per IS:1786-2008.
5. All dimensions shall be verified by the Engineer in charge before laying concrete with respect to Architectural Drawings.
6. The provisions made in IS:456-2000, SP:34 and other relevant codes should be strictly adhered during execution.
7. Min. lap lengths recommended for reinforcement.

BAR DIA	Development Length (Ld) (50 Ø)
8#	16"
10#	20"
12#	24"
16#	32"
20#	40"
25#	50"

8. Provide clear cover for Footings=2", Columns=1½", Plinth beam = 1", Beams= 1", slab= ¾"
9. The difference in levels of depth of adjacent footings shall not be greater than half the clear distance between them.
10. Not more than 50% of column reinforcement shall be lapped at a particular location.
11. Stirrups should have standard hook as per SP:34
12. Ductile detailing should follow as per 13920.



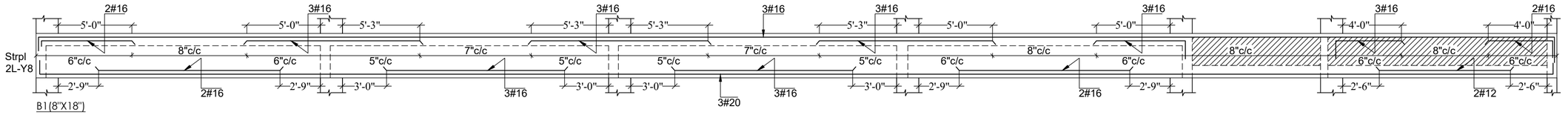
Project :

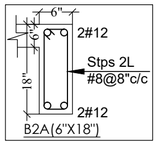
RECONSTRUCTION OF JJR NAGAR
GOVT. SCHOOL BUILDING IN
WARD NO 136 JJR NAGAR (1ST PHASE)
BANGALORE-560018

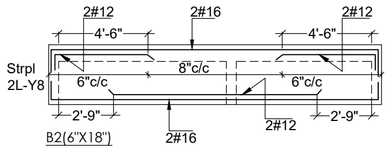
Title :

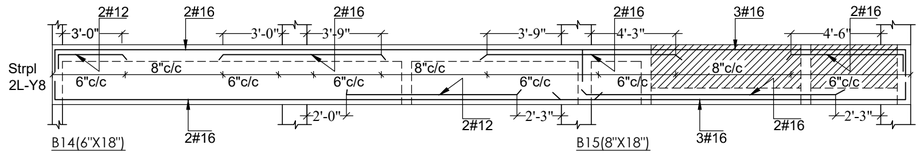
FIRST FLOOR ROOF
SHUTTERING LAYOUT

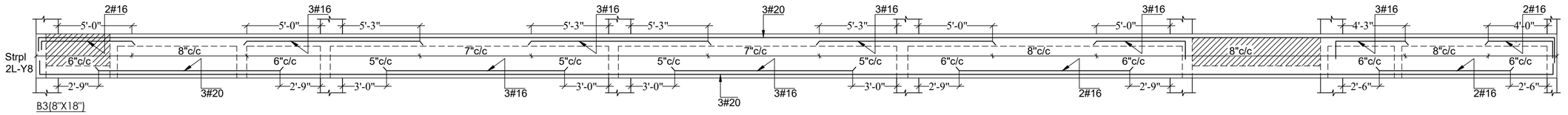
Scale	Drawn	Checked	Approved	Sheet
NTS	Hemachandra. V	Y. Manjunath	Y. Manjunath	A2
Date	Dwg No.-06			R0
19.07.2025				

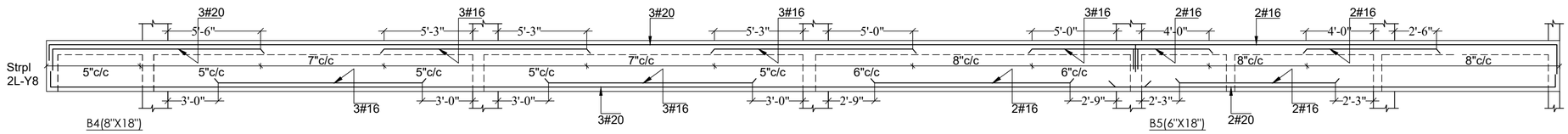


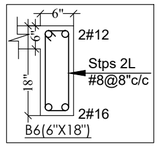


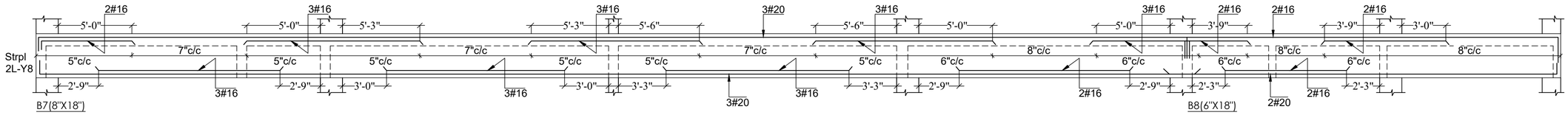


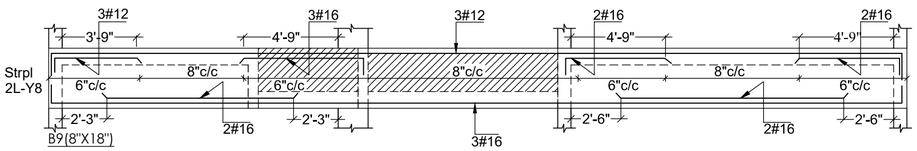


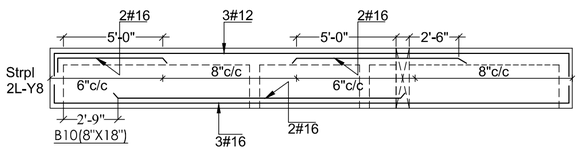


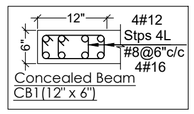


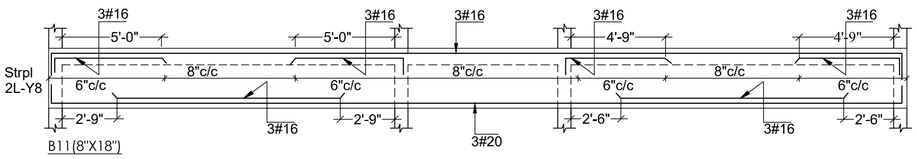


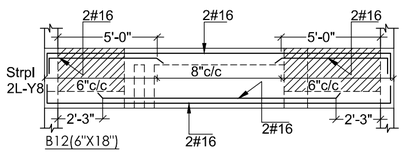


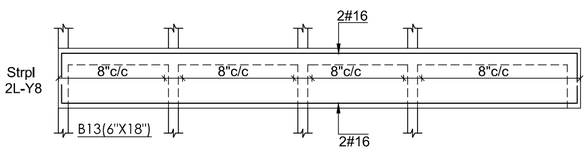












FOR EXECUTION

FIRST FLOOR ROOF BEAM REINFORCEMENT DETAIL

Client :

GOVT. SCHOOL BUILDING
IN WARD NO 136

Architects :

RACHANA CONSULTANTS
CONSULTING STRUCTURAL ENGINEERS
MALLESHWARAM WEST BANGALORE- 560055

Structural Consulting Engineers

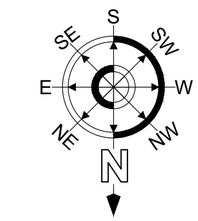
JHS DESIGN
CONSULTING STRUCTURAL ENGINEERS
RAJAJINAGAR, BANGALORE-560010.

NOTES:-

1. All dimensions are in Feets and Inches,unless specified otherwise.
2. Do not scale this drawing. Follow figured dimensions.
3. Use 1:1:2 (M25) Mix Concrete conforming to IS:456-2000.
4. Use HYSD bars of Fe-550 as per IS:1786-2008.
5. All dimensions shall be verified by the Engineer in charge before laying concrete with respect to Architectural Drawings.
6. The provisions made in IS:456-2000, SP:34 and other relevant codes should be strictly adhered during execution.
7. Min. lap lengths recommended for reinforcement.

BAR DIA	Development Length (Ld) (50 Ø)
8#	16"
10#	20"
12#	24"
16#	32"
20#	40"
25#	50"

8. Provide clear cover for Footings=2", Columns=1½", Plinth beam = 1", Beams= 1", slab= ¾"
9. The difference in levels of depth of adjacent footings shall not be greater than half the clear distance between them.
10. Not more than 50% of column reinforcement shall be lapped at a particular location.
11. Stirrups should have standard hook as per SP:34
12. Ductile detailing should follow as per 13920.



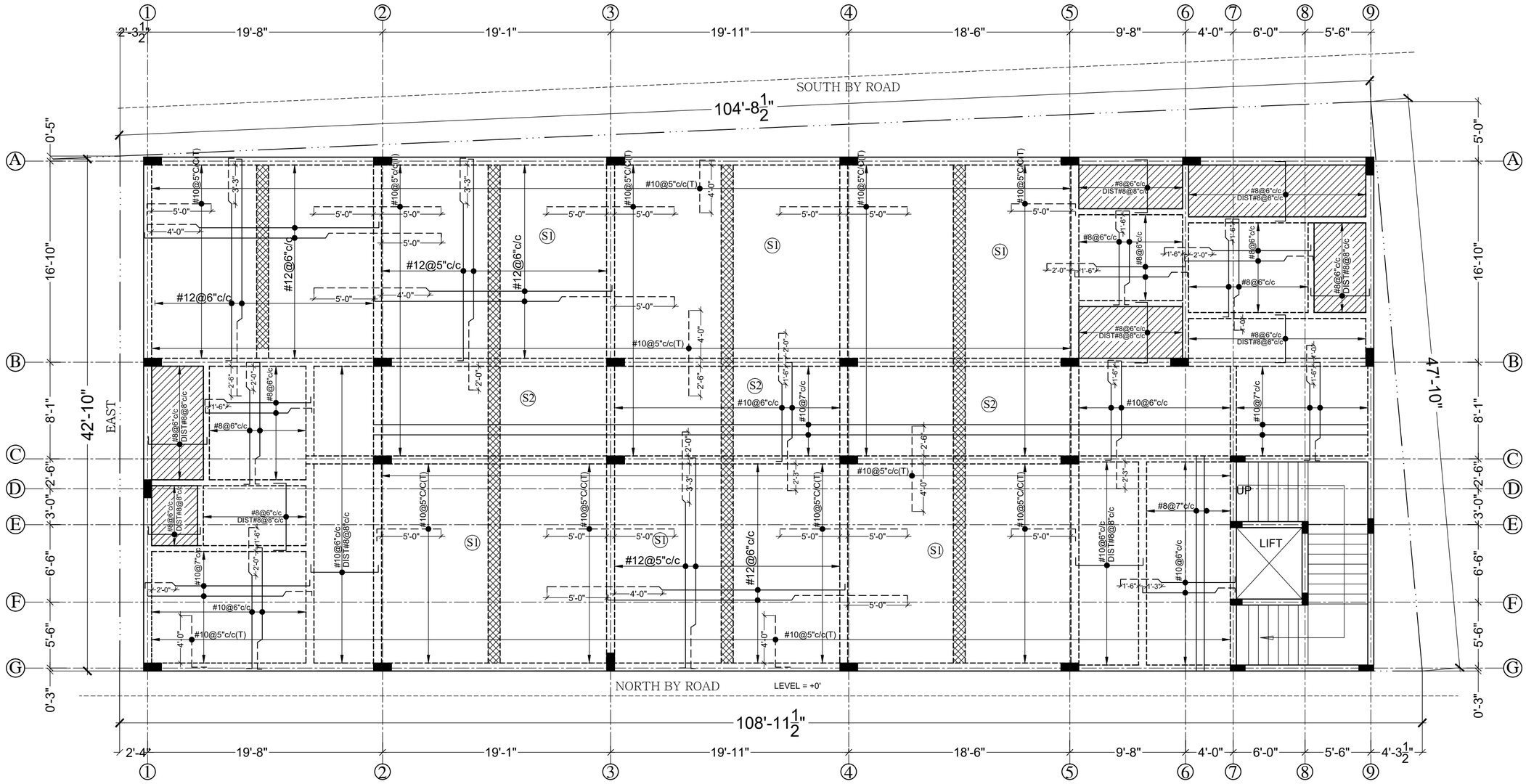
Project :

RECONSTRUCTION OF JJR NAGAR
GOVT. SCHOOL BUILDING IN
WARD NO 136 JJR NAGAR (1ST PHASE)
BANGALORE-560018

Title :

FIRST FLOOR ROOF BEAM
REINFORCEMENT DETAIL

Scale	Drawn	Checked	Approved	Sheet
NTS	Hemachandra. V	Y. Manjunath	Y. Manjunath	A2
Date	Dwg No.-07			R0
19.07.2025				



FIRST FLOOR ROOF SLAB REINFORCEMENT DETAIL

SLAB 6"THICK UNLESS OTHERWISE SPECIFIED

PROVIDE Y8@8"C/C AS DISTRIBUTION BAR FOR TOP REINFORCEMENT WHEREVER REQUIRED

FOR EXECUTION

Client :

GOVT. SCHOOL BUILDING
IN WARD NO 136

Architects :

RACHANA CONSULTANTS
CONSULTING STRUCTURAL ENGINEERS
MALLESHWARAM WEST BANGALORE- 560055

Structural Consulting Engineers

JHS DESIGN
CONSULTING STRUCTURAL ENGINEERS
RAJAJINAGAR, BANGALORE-560010.

NOTES:-

1. All dimensions are in Feets and Inches,unless specified otherwise.
2. Do not scale this drawing. Follow figured dimensions.
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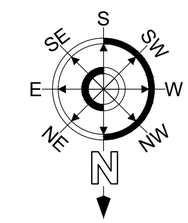
11. Stirrups should have standard hook as per SP:34
12. Ductile detailing should follow as per 13920.



Project :

RECONSTRUCTION OF JJR NAGAR
GOVT. SCHOOL BUILDING IN
WARD NO 136 JJR NAGAR (1ST PHASE)
BANGALORE-560018

Title :

FIRST FLOOR ROOF SLAB
REINFORCEMENT DETAIL

Scale	Drawn	Checked	Approved	Sheet
NTS	Hemachandra. V	Y. Manjunath	Y. Manjunath	A2
Date	Dwg No.-08			R0
19.07.2025				